

ESTIMATED & PROJECTED EMPLOYMENT

Occupational Title	2014 Estimated Employment	2024 Projected Employment	2014-24 Employment Change	Annual Growth Rate (%)	Total Annual Openings
Total, All Occupations	1,795,100	1,949,240	154,140	0.9	58,145
Computer & Mathematical Occupations	33,550	39,630	6,080	1.8	1,140
Software Developers, Systems Software	2,790	3,220	430	1.5	85

Source: <https://www.iowaworkforcedevelopment.gov/occupational-projections>

2017 WAGE & SALARY (\$)

Occupational Title	Mean Wage	Mean Salary	Entry Wage	Entry Salary	Exp Wage	Exp Salary
Total All Occupations	20.93	43,539	10.09	20,991	26.35	54,813
Computer & Mathematical Occupations	35.88	74,629	21.29	44,287	43.17	89,800
Software Developers, Systems Software	42.91	89,261	30.16	62,727	49.29	102,528

Source: <https://www.iowaworkforcedevelopment.gov/occupational-employment-and-wages>

EDUCATION & TRAINING

Education	Work Experience	Job Training
Bachelor's Degree	None	None

Many employers desire applicants possessing a bachelor's degree (and in some cases an advanced degree) in a related field, such as computer science, software engineering, or information systems.

Sources: <https://www.iowaworkforcedevelopment.gov/occupational-projections> and https://www.bls.gov/emp/ep_education_training_system.htm

NATIONAL CAREER READINESS CERTIFICATE (NCRC)

Skill	Median Skill Level	Minimum Skill Level	Maximum Skill Level
Applied Mathematics	4	4	6
Locating Information	4	4	5
Reading for Information	5	5	5
Applied Technology	n.a.	n.a.	n.a.
Business Writing	4	3	4
Workplace Observation	4	4	4
Listening for Understanding	3	2	3

An ACT assessment-based credential issued in determining essential work skills needed for employment success across industries and occupations. The greater the score, the greater the skill level (Bronze = 3, Silver = 4, Gold = 5, Platinum = 6 & higher). Source: <http://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html>

ADDITIONAL SOURCES:

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PRIMARY INDUSTRY SECTORS

(Where are Systems Software Developers Employed?)

Computer & Electronic Product Mfg
Professional, Scientific, and Technical Services
Credit Intermediation
Agriculture

Source: <https://www.iowaworkforcedevelopment.gov/occupational-projections>